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1 [MIDDLE-R: Consistent database replication at the middleware level](#)



Marta Patiño-Martínez, Ricardo Jiménez-Peris, Bettina Kemme, Gustavo Alonso
November 2005 **ACM Transactions on Computer Systems (TOCS)**, Volume 23 Issue 4

Publisher: ACM

Full text available: Pdf (1.81 MB)

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The widespread use of clusters and Web farms has increased the importance of data replication. In this article, we show how to implement consistent and scalable data replication at the middleware level. We do this by combining transactional concurrency ...

Keywords: Database replication, eager data replication, middleware, scalability

2 Computing curricula 2001



CORPORATE The Joint Task Force on Computing Curricula

September 2001 **Journal on Educational Resources in Computing (JERIC)**, Volume 1 Issue 3es

Publisher: ACM

Full text available: [Html](#) (2.78 KB), [Pdf](#) (613.63 KB)

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3 Caching constrained mobile data



Subhasish Mazumdar, Mateusz Pietrzyk, Panos Chrysanthis

October 2001 **CIKM '01: Proceedings of the tenth international conference on Information and knowledge management**

Publisher: ACM

Full text available: [Pdf](#) (1.67 MB)

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As mobile devices get ubiquitous and grow in computational power, their management of interdependent data also becomes increasingly important. The mobile environment exhibits all the characteristics of a distributed database plus the feature of whimsical ...

4 Concurrency and distribution in object-oriented programming



Jean-Pierre Briot, Rachid Guerraoui, Klaus-Peter Lohr

September 1998 **ACM Computing Surveys (CSUR)**, Volume 30 Issue 3

Publisher: ACM

Full text available: [Pdf](#) (289.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 310, Citation Count: 19

This paper aims at discussing and classifying the various ways in which the object paradigm is used in concurrent and distributed contexts. We distinguish among the library approach, the integrative approach, and the ...

Keywords: concurrency, distribution, integration, libraries, message passing, object, reflection

5 Communications of the ACM: Volume 51 Issue 10



October issue Volume 51 Issue 10

2008

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (7.16 MB)

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Bibliometrics: Downloads (6 Weeks): 190, Downloads (12 Months): 190, Citation Count: 0

6 Mapping moving landscapes by mining mountains of logs: novel techniques for dependency model generation

Mirko Steinle, Karl Aberer, Sarunas Girdzijauskas, Christian Lovis

September 2006 **VLDB '06:** Proceedings of the 32nd international conference on Very large data bases

Publisher: VLDB Endowment

Full text available: [Pdf](#) (1.19 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 65, Citation Count: 0

Problem diagnosis for distributed systems is usually difficult. Thus, an automated support is needed to identify root causes of encountered problems such as performance lags or inadequate functioning quickly. The many tools and techniques existing today ...

7 Queue: Volume 6 Issue 1



January 2008

issue Volume 6 Issue 1

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (6.04 MB)

Additional Information: [full citation](#), [index terms](#)

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8 MILLE-XTERM and LTSP

Francis Giraldeau, Jean-Michel Dault, Benoit des Ligneris

September 2006 **Linux Journal**, Volume 2006 Issue 149

Publisher: Specialized Systems Consultants, Inc.

Full text available: [Html](#) (774.07 KB)

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